



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Purchase of Padmount Transformers (\$42,039.74)

MEETING DATE: December 18, 1996

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt the attached resolution awarding the bid for the purchase of four padmount transformers to the bidders whose proposals and equipment met City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs, G E Supply Company of Sacramento in the 500KVA class (three units totaling \$29,131.29), and Western States Electric of Portland, Oregon, in the 1000KVA class (one unit at \$12,908.45).

BACKGROUND INFORMATION: On November 6, 1996, the City Council approved specifications and authorized advertisement for bids for four padmount transformers.

On December 3, 1996, bids were opened and total life-cycle costs were evaluated. Life-cycle costs are the combined total of purchase price plus cost of operation based on estimated power loss during the projected life of the transformer. Proposals are also evaluated on the basis of compliance with equipment and bid specifications. Failure to comply with both may lead to disqualification of the bid. A summary of the bid evaluation is attached.

These transformers will be used to serve new industrial load, upgrade existing commercial installations, and to replenish the Department's inventory of transformers.

FUNDING: Electric Utility Operating Fund

Alan N. Vallow, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer
cc: Assistant Electric Utility Director

APPROVED: _____

H. Dixon Flynn -- City Manager

TRANSFORMER BID EVALUATION

December 3, 1996

Tax (factor) 1.0775
No load loss \$/watt 6.00
Load loss \$/watt 2.00

500 KVA, 208Y/120 Volt Padmount Number of units: 3

Vendor	Unit Price	Extended Price	Price w/tax	No load loss (watts)	Load loss (watts)	No load loss value	Load loss value	Cost of Losses	Life cycle Cost	Delivery weeks	Height	Weight
G E Supply	9,012.00	27,036.00	29,131.29	254	3361	4,572.00	20,166.00	24,738.00	53,869.29	13	77	
Western States	7,725.00	23,175.00	24,971.06	633	3021	11,394.00	18,126.00	29,520.00	54,491.06	10	66.75	
Wesco	6,295.00	18,885.00	20,348.59	654	3999	11,772.00	23,994.00	35,766.00	56,114.59	11	58.5	
Cooper	7,147.00	21,441.00	23,102.68	810	3277	14,580.00	19,662.00	34,242.00	57,344.68	18	75	
		0.00	0.00			0.00	0.00	0.00	0.00			
		0.00	0.00			0.00	0.00	0.00	0.00			

1,000 KVA, 480Y/277 Volt Padmount Number of units: 1

Vendor	Unit Price	Extended Price	Price w/tax	No load loss (watts)	Load loss (watts)	No load loss value	Load loss value	Cost of Losses	Life cycle Cost	Delivery weeks	Height	Weight
Western States	11,980.00	11,980.00	12,908.45	919	5544	5,514.00	11,088.00	16,602.00	29,510.45	10	72	
Wesco	10,400.00	10,400.00	11,206.00	1177	6152	7,062.00	12,304.00	19,366.00	30,572.00	11	66.5	
Cooper	10,322.00	10,322.00	11,121.96	1241	6269	7,446.00	12,538.00	19,984.00	31,105.96	18	90	
G E Supply	15,562.05	15,562.05	16,768.11	434	6872	2,604.00	13,744.00	16,348.00	33,116.11	13	89	
		0.00	0.00			0.00	0.00	0.00	0.00			
		0.00	0.00			0.00	0.00	0.00	0.00			

RESOLUTION NO. 96-183

A RESOLUTION OF THE LODI CITY COUNCIL
AWARDING THE BID FOR THE PURCHASE OF FOUR PADMOUNT
TRANSFORMERS FOR THE ELECTRIC UTILITY DEPARTMENT

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on December 3, 1996 at 11:00 a.m. for the purchase of four padmount transformers for the Electric Utility Department, described in the specifications therefore approved by the City Council on November 6, 1996; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached hereto; and

WHEREAS, the City Manager recommends that award of the bid for the purchase of four padmount transformers for the Electric Utility Department, be made to the bidders whose proposals and equipment met City of Lodi specifications, and whose transformers yielded the lowest overall life-cycle costs in each rating category, to wit:

Bidder	Quantity	Type	Total
Western States Electric, Portland, OR	1 Unit	1000KVA size	\$12,908.45
GE Supply Company, Sacramento	3 Units	500 KVA size	\$29,131.29

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the purchase of four padmount transformers for the Electric Utility Department, be and the same is hereby awarded to the above-described responsible bidders, in the total amount of \$42,039.74.

Dated: December 18, 1996

I hereby certify that Resolution No. 96-183 was passed and adopted by the City Council of the City of Lodi in a regular meeting held December 18, 1996, by the following vote:

AYES: COUNCIL MEMBERS - Land, Mann, Sieglock, Warner and
Pennino (Mayor)

NOES: COUNCIL MEMBERS - None

ABSENT: COUNCIL MEMBERS - None

ABSTAIN: COUNCIL MEMBERS - None


JENNIFER M. PERRIN
City Clerk

TRANSFORMER BID EVALUATION

December 3, 1996

Tax (factor) 1.0775
No load loss \$/watt 6.00
Load loss \$/watt 2.00

500 KVA, 208Y/120 Volt Padmount Number of units: 3

Vendor	Unit Price	Extended Price	Price w/tax	No load loss (watts)	Load loss (watts)	No load loss value	Load loss value	Cost of Losses	Life cycle Cost	Delivery weeks	Height	Weight
G E Supply	9,012.00	27,036.00	29,131.29	254	3361	4,572.00	20,166.00	24,738.00	53,869.29	13	77	
Western States	7,725.00	23,175.00	24,971.06	633	3021	11,394.00	18,126.00	29,520.00	54,491.06	10	66.75	
Wesco	6,295.00	18,885.00	20,348.59	654	3999	11,772.00	23,994.00	35,766.00	56,114.59	11	58.5	
Cooper	7,147.00	21,441.00	23,102.68	810	3277	14,580.00	19,662.00	34,242.00	57,344.68	18	75	
		0.00	0.00			0.00	0.00	0.00	0.00			
		0.00	0.00			0.00	0.00	0.00	0.00			

1,000 KVA, 480Y/277 Volt Padmount Number of units: 1

Vendor	Unit Price	Extended Price	Price w/tax	No load loss (watts)	Load loss (watts)	No load loss value	Load loss value	Cost of Losses	Life cycle Cost	Delivery weeks	Height	Weight
Western States	11,980.00	11,980.00	12,908.45	919	5544	5,514.00	11,088.00	16,602.00	29,510.45	10	72	
Wesco	10,400.00	10,400.00	11,206.00	1177	6152	7,062.00	12,304.00	19,366.00	30,572.00	11	66.5	
Cooper	10,322.00	10,322.00	11,121.96	1241	6269	7,446.00	12,538.00	19,984.00	31,105.96	18	90	
G E Supply	15,562.05	15,562.05	16,768.11	434	6872	2,604.00	13,744.00	16,348.00	33,116.11	13	89	
		0.00	0.00			0.00	0.00	0.00	0.00			
		0.00	0.00			0.00	0.00	0.00	0.00			